

VOL. LIII No. 23

CAMBRIDGE, MASS., TUESDAY, MAY 2, 1933.

Price Five Cents

## SEAVER, TUCKER, JOPE PRESIDE AT STRATTON CONTEST

Judges Of Student Professional  
Papers Are Announced  
By Prescott

### SEMI-FINALS THIS WEEK

Judges of the Stratton Prize papers, it was announced last night by Dean Samuel C. Prescott, will be Professor Henry L. Seaver of the English Department, Professor Donald S. Tucker of the Economics, and Mr. Ralph T. Jope, Business Manager of the Technology Review.

The professional societies have chosen their representatives in the contest, each of which is limited to three men. These contestants will meet in the semi-finals on May 4, 5, 8 and 9, at which time six will be chosen for the finals on Class Day, June 6. At this time a large audience is expected as there will be many visitors at the Institute, as well as the parents and friends of the contestants. Last year, which was the second year that the contest had been held, there

(Continued on page four)

### Grease Will Fly As Students Vie In Yearbook Rush

Yearbooks To Be Given Free To  
Ten Winners Of Paddle  
Melee

Grease will fly thick and fast next Saturday afternoon as Institute students vie none too gently with each other for the ten paddles offered in the traditional Technique Rush which has always attracted attention on Open House Day.

Examination of past accounts of the affair indicate that students of delicate constitution would do well by keeping at a safe distance from the little greased hut which will be the center of attraction during the melee. From this little structure, which is well lubricated before commencement of activities, will be issued the wooden

(Continued on page four)

### FRESHMAN RULES WILL BE CHANGED

Special Meeting Of Institute  
Committee To Consider  
Proposals

As a result of the expression of opinion given at the spring elections last Wednesday, proposals to change the freshman rules will be brought before a special meeting of the Institute Committee on Thursday of this week.

The proposals follow:

1. That the personnel of the committee be changed as follows: Chairman, a senior; one junior member; and one sophomore member.

2. That the tie be changed from a broad-striped to a fine-striped tie, with the colors remaining the same.

3. That the ties shall be sold as usual, but using a check list of the freshman class.

4. That a board composed as follows shall act as a court in reprimanding freshmen for lack of class spirit; Chairman of the Dormitory Committee, Chairman of the Rules Committee, Chairman of the Interfraternity Conference, Chairman of the Commuters' Association, President of the Senior Class.

5. That the Quadrangle Club be co-operated with in discerning the offenders.

## PRINCETON WINS COMPTON CUP

Technology Light Boat Wins In  
Record Time Over  
Henley Distance

With the excitement and turmoil of the Compton Cup Regatta past, Technology's oarsmen are settling down to steady practice to make up for time lost during the bad weather of April. The 150-pound boat needs only a few more practice sessions to make it into a real championship crew, as is the case with the freshman heavy.

As was expected, the Tigers brought the Compton Cup to Princeton. It was presented to Captain Brewster Smith, by President Karl T. Compton, for whom the new trophy is named, immediately following the return of the victorious boat. The Princeton oarsmen then dropped their mascot, a little red devil, into the cup and rowed upstream. The Tiger's return home was a triumphant march, laden down with the spoils which belong to the victors.

### Vanquished Lose Shirts

As is the usual custom, the losers were deprived of their shirts, which were given to the victors. Last night the freshmen's shirts were collected by one of the managers and mailed to Princeton.

The 150-pound crew were the only Technology oarsmen to come out ahead both in spoils and distance. Their close victory, in record time, over the Tiger 150's was the feature of the meet. Princeton's light crew had come to Cambridge highly con-

(Continued on page three)

## DEDICATION OF EASTMAN LABORATORIES ATTRACTS 200 EMINENT SCIENTISTS

### Dr. A. Compton Addresses Eastman Dedication Guests On Cosmic Rays

Chicago Professor And Nobel  
Prize Winner Is Brother Of  
Institute President

Dr. Arthur H. Compton, professor of physics at the University of Chicago, and brother of Karl T. Compton, president of the Institute, addressed the scientific meeting in connection with the dedication of the George Eastman Research Laboratories of Physics and Chemistry at the Institute yesterday afternoon on the subject of cosmic rays. Dr. Compton directed the world-wide survey of cosmic radiation undertaken during the past year, and in 1927 was awarded the Nobel Prize for Physics.

He said in part that a rapidly growing aspect of the study of cosmic rays is their use as a tool for the investigation of the structure of the atomic nucleus. The most striking result of such experiments is Anderson's recently announced discovery of the positive electron, or "positron". Because of the tremendous energy of the individual cosmic ray, it is capable of producing nuclear disruptions much more



DR. ARTHUR COMPTON

violent than those resulting from the most powerful artificial sources. Thus a recent photograph by Blackett shows no less than twenty pieces presumably ejected from the nucleus of a single atom by the action of one cosmic ray. The energy of the particles flying from the burst is not less than several billion electron volts.

### GROUP WELCOMED BY DR. COMPTON AT CEREMONIES

Tribute Paid to George Eastman  
Who Gave Technology  
Over \$20,000,000

### DR. A. COMPTON SPEAKS

The outstanding chemists and physicists of the country gathered at Technology yesterday morning for the dedication of the George Eastman Research Laboratories, the ceremonies beginning at 9:30 o'clock. President Karl T. Compton made an address of welcome to a large gathering of official delegates from scientific organizations and various institutions in this country and abroad.

President Compton described the designing of the new laboratories, pointing out that every institution is free to "steal" ideas from other laboratories. Convinced of the value of "getting together" to exchange ideas, he predicted that physics and chemistry will proceed along lines of closer union.

### Pays Tribute to George Eastman

In conclusion President Compton paid tribute to the late Mr. George Eastman, the great benefactor who made the laboratories possible. Dr. Eastman, though he visited Technology but once, gave upwards of \$20,000,000 to the Institute.

In his address on "Science at the Massachusetts Institute of Technology," Dr. Samuel C. Prescott, Dean of Science, gave warm tribute to Mr. Eastman and reviewed the contributions of the Institute to the progress of science, commenting on its present status and prospects for the future.

Dr. Frederick G. Keys, head of the Department of Chemistry, discussed the significance of Chemistry at Technology, while the address of Dr. John C. Slater, head of the Physics Department described education and research in Physics at the Institute.

The exercises included the dedication of a tablet at the entrance to the present Rogers Laboratory of Physics, commemorating the establishment in 1869 by William Barton Rogers, founder of the Institute, of the first physical laboratory for the purposes of instruction.

### Free Copies To Be Given Visitors To Open House

Co-operating with the Institute in making Open House Day a success, THE TECH will publish a six-page complimentary issue to be distributed to the thousands of visitors expected to visit the exhibitions throughout Technology's buildings, omitting the regular Friday issue.

In addition to this, THE TECH will offer the sightseers an opportunity of visiting a special exhibition on Open House Day, the first inkling as to the exhibit's nature not being revealed till the complimentary issue is released to the public.

### Second Term Examination Schedule

Subject No.	Subject	Year	Subject No.	Subject	Year	Subject No.	Subject	Year
<b>THURSDAY, MAY 25</b>								
	9 A. M.		8.05	Sound, Speech & Audition	4	Ec32	Political Economy (2 hours)	
1.27	Railway Transportation	4	8.802	Electrochemistry, Prin.	3-4	M11	Calculus	1
1.44	Stationary Structures	4	10.32	Chemical Engineering	4-G	M12	Calculus	G
1.76	Sanitary Engineering	4	13.70	Steam Turbines	4	M37	Advanced Calculus	
1.78	Sanitary Engineering	4	16.55	Airplane Design	4		Special Examinations	
2.781	Industrial Plants	4	M21	Calculus	2			
3.44	Metallurgy	4	M22	Differential Equations	2			
3.46	Met. of Common Metals	4	M792	Theoret. & App. Elast.	G			
4.242	Professional Relations	4		Special Examinations				
5.52	(2 hours)							
6.252	Organic Chemistry II	G						
6.312	Elec. Machine Design	4						
6.522	Elec. Com., Principles	4						
6.562	Alternate Current Mach.	G						
6.652	Adv. Network Theory	G						
7.05	Electric Power Dist.	G						
7.712	Parasitology	4						
8.472	Tech. of Food Products	4						
8.57	Recent Dev. of Physics	G						
10.62	Electromag. Wave Th. II	G						
10.71	App. Chemical Thermodyn	G						
13.32	Fuel Engineering	G						
16.05	Ship Construction	2						
16.83	Airplane Structures	4						
17.42	Airplane Engines	4						
Ec62	Building Construction	4						
	Business Law	4						
	Special Examinations							
<b>FRIDAY, MAY 26</b>								
	1.30 P. M.		1.37	Highway Transportation	4			
1.692	River Engineering	G	1.63	Hydraulics	3-4			
2.802	Automotive Engineering	G	1.71	Water Power Eng.	4			
4.482	European Civ. & Art	5	2.15	Applied Mechanics	2			
4.492	European Civ. & Art	G	2.22	Mechanics	2			
5.72	(2 hours)		5.13	Quantitative Analysis (Course V only)	2			
5.89	Physical Chemistry	G	6.282	Radio Com., Principles	4			
6.222	Chemistry (Part I)	3	7.06	Botany	2			
6.391	Engineering Electronics	3-4	M77	Vector Analysis	3-4			
6.44	Electric Trans. & Control	G		Special Examinations				
6.513	Electric Circuits	G						
6.662	Elec. Mach. Dev. Prin.	G						
7.372	Indust. Microbiology	G						
8.512	Statistical Mechanics	G						
10.41	Distillation	G						
13.12	Th. of Warship Design	3						
13.12T	Th. of Warship Design	G						
13.14	Th. of Warship Design	4						
16.08	Airplane Des. Problems	4						
16.22	Airship Structures	G						
Ec50	Accounting	2-3-4						
Ec57	Corp. Fin. & Invest.							
	Special Examinations							
<b>SATURDAY, MAY 27</b>								
	9 A. M.		1.492	Soil Mechanics	G			
			2.47	Heat Engineering	3-4			
			2.79	Gasoline Automobile	4			
			5.57	Chemistry of Dyes	G			
			6.03	Elec. Eng. Principles	4			
			6.04	Elec. Eng. Principles	4			
			6.58	Oper. Circuit Analysis	G			
			7.362	Indust. Microbiology	4			
			8.034	Physics	2			
			8.311	Atomic Structure	3			
			8.542	Electromag. Wave Prop.	4			
			10.29	Chemical Engineering	G			</

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## WHY ARE WE HERE?

**F**OOD for thought is always nourishing. Perhaps the most excellent of such morsels is the oft-suggested idea conveyed through the medium of irate instructors. "What are we doing here?" At first glance this may seem merely another favorite expression of outraged intelligentsia, but it is really more than that. It is our contention that a good percentage of our fellow students have never given the matter any serious thought. If it has been called to our attention, it was probably allowed to pass with a goodly portion of scorn.

But this question deserves much more than this passing contempt. It is extremely pertinent, especially in this period of financial stringency. Are you in the right place? Our belief is that it will be worth while to consider the matter. We are forced to ponder over the question as, applications for employment repeatedly fire at us. "Why did you attend the Institution from which you will be graduated?"

## OLD CLOTHES DAY

**T**HE old Tech Circus is a thing of the past. The Institute officials are determined to avoid another such rowdy exhibition as the one that was given last year. It acted as a safety valve and let off excess scientific steam. Steps have been taken to prevent the re-occurrence of the notorious Dormitory riots. The Institute from all external evidences is becoming more mature, the eternal fire of youth appears to be dying out. Whether it is or not remains to be seen, but there is still evidence of a little spark. What will happen to the energy that is being generated by the little spark?

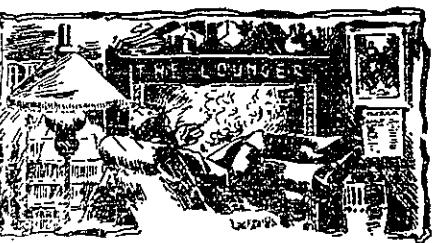
Old Clothes Day, the preliminary to the Circus, has been killed along with that venerable old celebration. In light of the expected inflationary measures, there ought to be some ceremony or observance of the departing gloom. The depression should officially be bid bon voyage with a rousing celebration. Thus two birds could be killed with one stone. Have a memorial service to the deceased and release potential energy with a good old fashioned Old Clothes Day. Or perhaps it should be prolonged to a week; then we could all have our suits pressed.

## TOO MUCH LEISURE

**S**ACRED codfish! It seems entirely out of place with the dignity of such a famous and supposedly serious institution as Harvard that its students should stoop to steal the sacred cod of the Commonwealth of Massachusetts. Of course the boys up the river must have their fun. Usually they are studying so hard that they have little time for such pranks. They grind their noses on the old whetstone, or so we are told. Nevertheless, in spite of the lack of time which these Harvard boys are troubled with, as we are told, they find time to indulge in childish pranks, such as the one which has claimed the front pages of the city newspapers for the past few weeks. To their schedule, which is already crowded, as we are informed, the authorities might add enough studies to keep the dear lads out of such mischief.

All of this brings to mind the fish which was discovered in a package last Friday. The card on which the creature was suspended seemed to be decorated with a familiar figure—that of the well-known Phosphorus. Far be it from us to criticize, but is that really necessary? Apparently Voo Doo finds it necessary to indulge in more childish sport.

Many of the these pranks are expensive. The police were, in the words of one of them, "chasing rainbows" without finding anything connected with the stealing of the codfish. This costs the state money. This is not bad in itself, however. It is the boyishness of the Harvard students which seems most important. Give them more work or keep them busy somehow. Voo Doo, if indeed it is responsible for the stunt observed here, has even less excuse. The two fall in the same class; both groups seem to be utterly unable to control their childish emotions.



It has been estimated that out of 75,353 male students enrolled in colleges throughout the continental United States, 75,352 were writing things about Spring, as of May 1, 1933. However, we have decided to get on the band-wagon too, so the number as of May 2, 1933 is 75,353.

The funny part of it all is, that we were quite normal for a long, long time, comparatively speaking, until—but that is even more peculiar.

The first thing that happens is a little warming in the weather, welcome enough to be sure, and everyone is still working just as much, or little, as usual. Then it gets even warmer, so we take off our coat, and that's all right.

Pretty soon we look up from our work long enough to be surprised that the robins are back, and everything is still all right. The next thing we notice are the buds on the trees, and decided heat in the sun's rays. And following this, the balmy nights and strolling couples.

All these symptoms, however, we cynically accept as indicative of the fact that God's in his Heaven, the census figures to the contrary notwithstanding, and the cosmic processes still functioning in their well-oiled cycles. However, the work keeps right on ticking off and this year it's going to be different.

All this is very fine. However, one fine morning, no different from several just before and several just after, we wake up, yawn a couple, and then instead of hastening off to our nine o'clock and grinding through the day, we suddenly say to ourselves, "Hurrah, it's Spring."

And so ever after all the rules are off, and the universe once more becomes a pretty bauble, a pleasant toy made for the especial benefit of the Lord's pet, his darling, his favorite son, the same which is us.

In pursuance of the same topic, it is well known that the impulse to write poetry is a direct function of the number of Spring days. To this end we became lyrical about the new beverage and sent same to young lady with literary appreciation. It went as follows:

Yeast is yeast  
And made for malt.  
Beer is beer,  
Und besser kalt.

Immediately came a reply telling us we had it all wrong, which we might have known, and the appropriate bala-lad, we were told, goes:

Yeast, according to maker's  
Directions,  
Will make us all have rosy  
Complexions.

To date, this was, as might be expected, the last word.

## As We See The Movies

## FINE ARTS THEATRE

## "Shame"

The Soviets' second year plan, finds its reflection in Russian art work too. This easing up is apparent in "Shame", Moscow's prize film that started at the Fine Arts Theatre yesterday. "Shame" is a film of people rather than of machines and ideas.

An indication of the change in theme and spirit is the situation of the Communist Party secretary who is in love with the girl his best friend marries. This triangle and love element is not merely suggested in the minimum manner in which it has been seen on the Soviet cinema formerly. Quite the contrary, it is developed as one of the dominant notes in "Shame".

"Shame" has a special musical score by Dmitri Shostakovich whose work was introduced to American audiences by the Philadelphia Symphony under Leopold Stokowski, a few weeks ago.

## PROFESSOR LEWIS DESCRIBES NOVEL HYDROGEN ISOTOPE

## Chemical Society Hears Method Of Making Heavy Water And Hydrogen

## ATOM "SPIN" INVOLVED

Predicting that fascinating new fields will be opened up by the isolation of the newly discovered isotope of hydrogen, Professor Gilbert N. Lewis, Dean of the College of Chemistry at the University of California, described his experiments which led to the preparation of a heavier water at the Northeastern section meeting of the American Chemical Society last Saturday in Room 10-250.

The preparation of the hydrogen isotope is intimately bound up with that part of the atomic theory relating to atomic spin which has recently attracted great interest from physicists, according to Professor Lewis.

Research on the isotopes of lithium was initiated a year ago, but led to negative results. The existence of a hydrogen isotope in the water remaining from electrolysis was suspected, and an apparatus measuring the density of water to one part in a million showed an increase of thirty-four parts per million over the density of ordinary water. This phenomena was accounted for by the ability of ordinary hydrogen to pass out of water in electrolysis faster than the isotope, a fact that has yet to be explained by quantum mechanics.

By a series of processes of electrolysis the concentration of the isotope is increased to a marked degree, changing the specific gravity of the water to 1.035. It was proved that the increase in weight was not due to an isotope of oxygen. The heavy water was boiled with a reflux condenser and the gas was passed through a tube of heated iron wool and then through one of heated copper oxide. Thus the water produced contains all of the hydrogen and none of the oxygen of the original water. It is thus shown that the change in specific gravity was caused by the hydrogen isotope with only one-half of a cubic centimeter of the heavy water available.

Revealing experiments have already been started with the heavier water and many more are planned for the future, when the production of the new material has been developed to a stage where larger quantities of it are available.

"I don't believe there will be any perceptible difference between the ordinary organic compounds and those made with the heavier hydrogen," Professor Lewis said.

## Convocation Of Class Of 1934 To Be Held Friday

## Vice-President Bush And Professor Elder Will Speak

It was announced yesterday that a convocation of the class of 1934 would be held Friday at 5:00 P. M. Vice-President Vannevar Bush will give an address. Professor Robert F. Elder of the Department of Business and Engineering Administration will also speak. The gathering will discuss matters pertaining to unemployment.

This convocation may be reminiscent to many of those that took place more frequently only a few years ago. Subjects discussed in previous years were of a popular nature and only very seldomly had anything to do with engineering. Distinguished men were invited to speak and the meetings always attracted large groups of students.

It is expected by those initiating the present movement that it will arouse sufficient interest to demand repetition. In this case the number per term will be increased.

## THE EDITORIAL SPECULUM

## CIRCUS

"Ladi-i-i-ies and ge-e-e-e-entlemen! Step this way and see the most stupendous, the most colossal, the most magnificent . . . !! Peanut and popcorn! Cold lemonade! . . . The only one of its kind in captivity! And all for the price of one dime, the tenth part of a dollar! . . . Balloons! Get your hot-dogs! Peanuts! . . . in a death defying stunt that will thrill you to the core . . . Peanuts!"

And thus with a blare of sound and a riot of color the show that never grows old, the circus, comes to town. In the many years of its long and successful run it has never changed its act, never varied its lines, never recast its actors. In spite of this, or perhaps because of it, it is the most appealing and certainly the only universally appealing performance ever staged.

What causes this undying popularity? Why is it that audiences are willing to sit through the same show year after year? Perhaps there is so much to be seen that it cannot all be taken in in one sitting. Perhaps there is a deeper and more fundamental reason. Perhaps it is man's innate love of a big, hearty, and wholesome laugh.

P. T. Barnum was what might be called the "father of the circus". He was a bluffer, the greatest one that ever lived. He fooled people; they knew it and liked it. One after another of his hoaxes were exposed, but that never injured his trade. In fact those who laughed most heartily were the very people whom he had "taken in".

Men like animals. They like to see them fight; they like to see them play; and they like to see them perform. That is why circuses are popular. Breathes there a man with soul so dead that never to himself hath said, "What a magnificent beast!"

According to the posters, put up per ritual by the advance man, the circus is on its way to this town. Soon cries of "Peanuts and popcorn! Cold lemonade! . . . the most ferocious man-eating lion in captivity" will fill the air.

We shall flock to the show. We shall hear the barker cry out as he has cried out a thousand times before. We shall see the same lions, elephants, and the rest that we have always seen. And we will applaud. We shall be amused. We shall marvel. And then we shall go home, quite pleased, and wait till next year when we can go through the same thing.

And so ad nauseam et ad infinitum.

## Dean H. E. Lobdell Elected President Of Deans of Men

## Association Passes Resolution Declaring Sale of Beer At College Harmful

Harold E. Lobdell, '17, Dean of Students recently was elected to the office of President of the National Association of Deans of Men. Other officers elected were Dean B. A. Tolbert, University of Florida, Vice-president; and Dean D. H. Gardner, Akron University, Secretary-Treasurer.

At the same meeting the members passed a resolution declaring that the sale of beer on university premises or in fraternity houses would influence students to drink. The resolution also recommended the adoption of a policy of liquor avoidance.

It was Dean Lobdell, it will be remembered, that attacked fraternity critics so vigorously at the winter meeting of the National Interfraternity Conference last November. At the time he stated that the charge that freshmen were often led astray by their fraternity brothers was entirely false.

Everything From A Sandwich To A Steak Dinner at Lydia Lee's  
Opposite the Aeronautical Laboratory  
136 Massachusetts Avenue  
Chance of Menu Every Day

## TRACK MEN SCORE 18 2-3 POINTS TO TAKE THIRD PLACE

Varsity And Freshmen Each Take Third Place At Greater Boston Meet

Handicapped by poor condition and the absence of Captain Dick Bell, Technology's varsity track team ran somewhat under expectations at the Greater Boston Intercollegiates held at Harvard last Friday and Saturday, but managed to nose out Northeastern for third place with 18 2-3 points. The Technology freshmen showed up rather well, totalling 28 1/2 points to take third behind the Harvard and Northeastern freshmen. Harvard won both the varsity and freshman meets. Walter Wrigley, who was leading the broad-jumpers after the Friday trials, finished second in that event to become the team's high scorer. He also reached the finals of the 220-yard but did not place. Another Engineer star was Ed Pierce, who tied for second in the broad jump with two other men.

### Two Place In Hurdles

Charley Hill and Harner Selvidge finished third and fourth in the 220-yard low hurdles to take five more points for the Beavers. Harold Dixon, last year's freshman pole-vaulter, took the only fourth for Technology, in the javelin. His best accepted throw was about 167 feet, but he threw one close to 180 feet which was not counted because he stepped over the line.

Two cross-country stars, Bob Mann and Johnny Barrett, each took fifth places, the former in the mile and the latter in the two-mile. Others who contributed single points were Al Greenlaw in the discus and Bill Ball in the broad jump. Bill Stark in the pole vault and Warren Clapp in the high jump each tied with two other men for the fifth position.

### Johnson Is Freshman Star

Stanley Johnson was the freshman star, scoring eight points by virtue of second places in the broad jump and the 220-yard low hurdles. Other men to take seconds were Jean Wagner in the hammer and John Graham in the discus. Henry Runkel took third in the hundred, followed by his teammate, Beckman. Other freshman point scorers were Brown, Sherburne, and Cotton.

Next Saturday on Tech Field the varsity engages in its first dual meet, against the University of Maine, Maine, which beat Springfield by 79 1/2-55 1/2 last Saturday, is especially strong in the distance races and in the weight events. With Dick Bell sure to run, and with the extra week of training, the Engineers are expected to show great improvement, and have strong hopes of a victory.

The freshmen also begin their dual meet schedule this week-end, meeting the Boston College yearlings. Since the Beaver first-year men scored more points at the Greater Boston meet, they are favorites to win.

## SOCIALIST TO SPEAK AT LIBERAL CLUB

Alfred Baker Lewis to Discuss Employment Problems

Discussing President Roosevelt's plans to cope with unemployment, Alfred Baker Lewis will speak at 4:00 o'clock this afternoon before the Technology Socialist Club in Room 4-20 on the subject "Building a New Society."

Mr. Lewis was the Socialist Party's candidate for governor of Massachusetts in the last election and is secretary of the New England Division of the Socialist Party. He formerly taught economics at the University of Pennsylvania.

When THE TECH sponsored a residential poll last October, it was Mr. Lewis who presented the platform of the Socialist Party in the columns of this paper.



Princeton Wins Compton Cup

## TIGERS BECOME FIRST WINNERS OF COMPTON CUP

Technology Light Boat Wins In Record Time Over Henley Distance

### VANQUISHED LOSE SHIRTS

(Continued from page one)

sident of winning the race. Harvard did not enter a boat in this race.

### Win By Small Margin

During the whole course of the race, not more than half a length separated the two boats. The two boats started on even terms and only when the bridge was reached did Technology gain a small margin, which proved to be the margin of victory. The Tiger light boat made one last attempt near the finish line to overtake their rivals but fell short of their goal by only a few feet. Although a conference of the referees was necessary to decide the winner, there was no doubt of the outcome.

It can be noted that all but one of the light crew are sophomores who rowed on Field Day against the freshmen. Captain Priggen was the only replacement in the boat which has been rowing together for some time. The time for Saturday's race was 6m. 53 4-5s. for what is thought a record for the Henley Distance on the Charles.

### FRESHMAN ADVISORS TO MEET AT T.C.A.

Freshman advisors for the coming year will be selected from the Senior and Junior classes only, instead of from the three upper classes as formerly. No attempt will be made to classify the incoming freshman, but each advisor will have three or four men and will seek them out personally and continue the friendship during the year, instead of just sending a letter. These announcements were made yesterday by Wallace M. Ross, general secretary of the T. C. A.

Another change in the organization of the T. C. A. will be the appointment of a man to take charge of each of the three departments heretofore included under Freshman Service namely Freshman Camp, Freshman Advisors, and Freshman Cabinet, and under the direction of one man.

### FINAL MEETING HELD BY ARMY ORDNANCE

The Student Branch of the Army Ordnance Association will hold its final meeting tonight in the form of a dinner in North Hall of Walker Memorial at 6:30. Following the dinner a film "Cadet Days", a picture of life in the R. O. T. C. camps will be shown, being explained by Major Oscar J. Gatchell.

## Class Crews To Race In Richards Cup Competition

### Varsity Men Not Eligible To Row In Annual Race On May Tenth

Without the aid of experienced men, coaching, or long practice sessions, four class crews are expected to vie for rowing honors in the Richards cup race on the morning of Wednesday, May 9. An insufficient number of men have answered the first call for candidates and it is hoped by the managers that enough enthusiasts will come to make possible a race with four crews.

The fact that no varsity men are allowed to compete gives all novices a chance, especially those men who substituted crew for P. T. in their freshman year and did not continue the sport. All candidates are asked to report at the boathouse afternoons at five o'clock, when practice will be held.

### Medals Given To Winners

The winning crew will be presented with the Richards Trophy, a silver cup two feet high, donated by Professor Richards while he was a member of the Institute faculty. At the same time each member of the winning boat will also be presented with an individual medal at the annual crew banquet.

Dr. Allan Rowe, member of the Advisory Council on athletics, has been chosen to act as referee of the race, and Coach Bill Haines of the varsity will be official timer.

## TENNIS TEAM TO OPPOSE WILLIAMS

The tennis team will attempt to open its season today against Williams at Williamstown. The season was scheduled to start last week against Harvard, but the weather man had other ideas, and the opening was deferred. It is hoped that they will be able to play today.

The team has been practicing faithfully for some time, and it is quite probable that it will start out on the right foot by winning. Not very much is known about the Williams team, but it will doubtless be up to the par of the other fine teams the Purple has put out in the past.

The line-up for the Engineers will be as follows: 1. Frank Koerner, '32; 2. Fred Feustel, '33; 3. Norman Harris, '33; 4. James Eder, '34; 5. Edmund Lucas, '34; 6. Joseph Fisher, '35.

In the doubles the following pairs will compete: 1. Koerner and Harris; 2. Feustel and Charles Glueck, '34; 3. Eder and John H. Wood, '34.

## VARSITY STICKMEN DROP TWO GAMES

### Lose To Dartmouth 11-1 And To New Hampshire 7-5 On Successive Days

Evidently not sufficiently recovered from a game with the strong Dartmouth ten on the previous day, the Technology stickmen came back from New Hampshire Saturday night losers in a close game with the Durham team. The Wildcats staged a remarkable rally near the end of the game to defeat the Engineers 7-5, while the Dartmouth team allowed them only one goal in winning 11-1.

Dartmouth flashed a powerful attack and showed the sort of playing which enabled it to win over Harvard the next day. The Engineers were not able to get their attack started many times and were almost always on the defensive. However, there were several times when they should have scored, but poor stickwork robbed them of their tallies. The only goal was made by Adam Sysko, a star on last year's team, who has been playing for only a few days this season.

Borger made several fine saves in this game, but the Dartmouth attack was so superlative that he did not have much chance against it. Sysko played well on the attack for the Engineers, and Wilson did a good job on the defense.

In the New Hampshire game the Engineers were leading six minutes from the end, but three quick goals by the Wildcats spoiled their chances of winning. Lockman and Geil, with two goals apiece, were the stars for Technology. The other point was scored by Carl Wilson, big Engineer defense man.

## ROCKET PROPULSION DISCUSSED AT A.S.M.E.

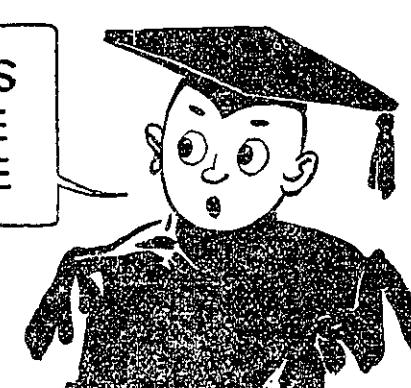
Three papers will be presented before the student branch of the Society of Mechanical Engineers, meeting jointly with the S. A. E. tomorrow afternoon at 6:15 o'clock in the West Lounge of Walker Memorial. Rocket propulsion will be discussed by Norman S. Pressler, '33, who has built and tested an engine on this principle. In addition to this John D. Howell, '33, will speak on "automatic automobile transmission," explaining this little-known phase of automotive work. The final paper of the evening will be on "An Automotive Axle Dynamometer" by William M. Brobeck.

### Public Menace

At Marquette all students living in fraternity houses have their names, characteristics and peculiarities listed with the police.

## HOW TO AVOID BONERS

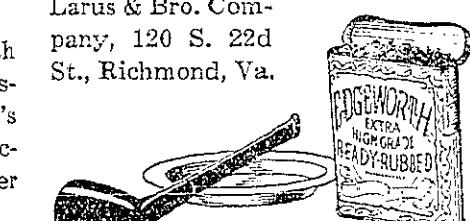
THE UNITED STATES  
IS LOCATED IN THE  
TEMPERANCE ZONE



**POOR BILL BONER**—he just can't think straight. He thinks a person is safe from contagious disease if he is intoxicated!

But no college man ever pulls boners with a good pipe between his teeth. There's something about a pipe and tobacco that soothes a man, helps him think straight. That is, of course, if he uses the right tobacco. A recent investigation showed Edgeworth to be the favorite tobacco at 42 out of 54 leading colleges.

If you're not already an Edgeworth smoker, there's new smoking satisfaction waiting for you. Edgeworth's blend of fine old burleys is distinctive, different. You'll know—after the first puff.



**EDGEWORTH SMOKING TOBACCO**

**CALENDAR**

Tuesday, May 2

5:00 P.M.—Banjo Club Rehearsal, East Lounge, Walker Memorial.  
6:00 P.M.—Scroll Dinner, Silver Room, Walker Memorial.  
6:30 P.M.—Burton Dinner Club Dinner Meeting, Grill Room, Walker Memorial.

7:00 P.M.—Tau Beta Pi Meeting, Faculty Dining Room, Walker Memorial.

Wednesday, May 3

5:00 P.M.—Course VI-A Dinner, Grill Room, Walker Memorial.  
5:00 P.M.—Ambassadors Rehearsal, East Lounge, Walker Memorial.  
8:00 P.M.—Tech Catholic Club Informal Dance, Faculty Dining Room, Walker Memorial.

Thursday, May 4

5:00 P.M.—Banjo Rehearsal, East Lounge, Walker Memorial.  
6:00 P.M.—M. I. T. Chemical Society Dinner Meeting, North Hall, Walker Memorial.

6:15 P.M.—Aristocrats Rehearsal, East Lounge, Walker Memorial.

Friday, May 5

6:00 P.M.—Sunday Evening Club Dinner Meeting, North Hall, Walker Memorial.

**MAY DANCE OFFERED  
BY CATHOLIC CLUB**

The annual "May Dance" of the Technology Catholic Club will be held in Walker Wednesday, May 3. The Original Aristocrats will furnish music for the occasion and plans are being made by those in charge. Although this occasion will mark the first time that this orchestra has played at Technology, they are well known in the vicinity of Boston.

John Carey is chairman of the committee for the dance. The chaperones for the dance will be Captain and Mrs. Thomas J. Johnston, Sgt. and Mrs. Harold F. McDonnell, and Rev. Francis Quinlan. Subscription for the dance is one dollar per couple or fifty cents for "stag".

**SENIOR SIGN-UPS  
ON SALE THIS WEEK****Blanket Tickets To Cover All  
Events Will Be Sold  
For \$9.75**

Senior Week Sign-ups are being sold this week in the main lobby by members of the Senior Week Committee. Sign-ups this year are \$4, and will be redeemed later for \$5.75. These sign-ups are blanket tickets, covering Senior Prom, Class Day, Tea Dance, Banquet, and Pops Concert, and the total cost of \$9.75 is \$4.25 less than blanket tickets last year. For those who do not wish to attend all events, tickets for individual functions will also be sold.

The Senior Picnic will not be held this year because of the lack of interest displayed in the past. The Banquet will retain the best features of the picnic, and will be informal. The class will not be held too strictly in check with respect to noise and merriment. The Senior Prom will be held in the Main Ball Room of the Bradford Hotel, on June 6. The ticket for this function alone will cost \$7.50, and represents a reduction of \$1 over last year's price. The blanket ticket reduces the cost of the events \$1 over the cost of separate tickets for the same functions.

The Senior Superheater has been issued in honor of the occasion, and praises Senior functions to the limit. Printed on pink paper, it shrieks that this year's prom will be bigger and better, even though reduced in price.

Senior Week Events include the Senior Class Banquet, June 2, the Pops Concert, June 3, Baccalaureate Sermon, June 4, Stratton Prize Award, Class Day Exercises, and Tea Dance on June 5, and Commencement, President's Reception, and Senior Prom, June 6.

**TECHNIQUE RUSH TO  
BE HELD SATURDAY**

(Continued from page one) paddles over which such a to-do is made.

**Dorms Victorious In Past**

In recent years the dormitories and fraternities have taken the Rush as an opportunity for organized gladiatorial combat, no holds being barred when these rivals meet, the obtaining

of the paddles seemingly occupying a secondary position to the desire for each others' blood.

Encounters previous to the coming one have seen the dormitory forces consistently victorious in the engagements, individual members of this group sometimes having gathered in three and even four of the coveted paddles.

Together with all the rites which accompany the brawl is that perhaps superfluous introduction usually made by the lusty-voiced Eddie Morris, renowned announcer in the Harvard Stadium, and among other things which he will discuss before the impatient multitude, are the so-called rules to be observed.

**JUDGES NAMED FOR  
STRATTON CONTEST**

(Continued from page one)

were over five hundred people present at the finals. The contest is the only major function which will take place on the morning of Class Day.

The object of the contest is to give the entrants an opportunity to present original ideas in such a manner as to give them practice in expressing themselves professionally in the future.

The papers will be judged on the basis of (1) scientific interest and accuracy, (2) clearness and correctness of statement, (3) logical development of the subject, and (4) correctness of speech, proper use of voice, clear enunciation and general style of delivery, including stance and the ability to command and hold the interest of the hearers.

**PHASES OF LIFE AT  
INSTITUTE IN T.E.N.**

Four articles dealing with various phases of Institute life are feature in the May issue of the T. E. N. Dr. Karl T. Compton has contributed an article on the trends and objectives of the Institute for the next decade in "The Institute of Tomorrow."

The history of "Open House" Day will be given by Dayton H. Clewell '33, chairman of the publicity committee for "Open House" in an article entitled "Open House". "Undergraduate Academic Opportunities" by Dr. Vannevar Bush contains an account of the advantages to be secured from studies alone, exclusive of outside activities.

Industrial research carried on at the Institute and its connection with manufacturing is the subject of an article "Scientific Research and the Small Manufacturers" by Professor Earl B. Millard, of the Department of Chemistry. The customary "Research and Review" page will be replaced by a page on "Open House Exhibits".

Among the other articles are "Controlled Atmosphere" by Vinton K. Ulrich, '35, and "Science at the World Fair" by Major Chester L. Fordney, with a foreword by Rufus C. Davis, president of the Fair.

**INFIRMARY LIST**

Hal L. Bemis, '35  
Albert W. Bridges, dining service  
Orman Hines, employee  
Edwin A. Kass, '35  
Donald Poole, '34

# Something to Say

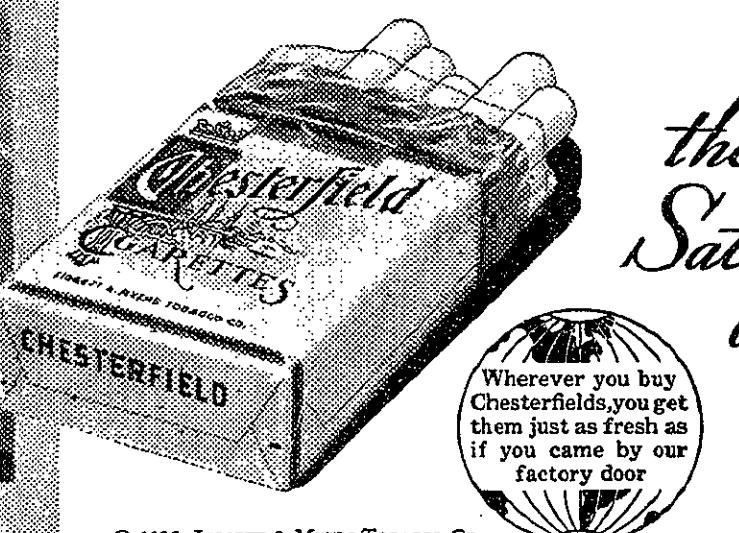
*not just saying something*



A friend of CHESTERFIELD writes us of a salesman who had "something to say":

"I dropped into a little tobacco shop, and when I asked for a pack of Chesterfields the man smiled and told me I was the seventh customer without a break to ask for Chesterfields. 'Smoker after smoker,' he said, 'tells me that Chesterfields click... I sell five times as many Chesterfields as I did a while back.'"

Yes, there's something to say about Chesterfields and it takes just six words to say it—"They're mild and yet they satisfy."



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